

# **MCCCD Course Placement Chart**

Effective for enrollment in Summer/Fall 2023 Courses Revised March 1, 2023

# **Student Assessment & Course Placement**

Students may use any of the placement measures listed below to satisfy course prerequisites:

## **High School Transcript GPA:**

- Student has completed 2+ years of high school coursework in the US.
- Student's high school transcript includes an unweighted, cumulative high school GPA of 2.6 or higher, based on a 4.0 scale.
- High school transcripts that are more than 10 years old may not be used for placement into Math courses.
- There is no time limit for the use of high school GPA for placement into English and Reading courses.

#### ACT, SAT, and GED:

- Placement based on individual subject-area test scores.
- Scores are valid for 5 years from the assessment date.

## **EdReady:**

- Students who don't have a high school GPA, GED, ACT/SAT, or ACCUPLACER/WritePlacer scores can use EdReady assessments for placement into English, math, and reading courses. If your score doesn't fall within the required range for course placement, EdReady can also help you improve.
- Placement based on individual subject-area scores.
- EdReady scores do not expire.

### **ACCUPLACER/WritePlacer:**

- Placement based on individual subject area test scores.
- Students are permitted one retest in English, reading, and/or math after at least a 24-hour waiting period.
- A second additional retest is permitted no sooner than three months from the oldest valid score date at any MCCCD placement testing site.
- ACCUPLACER scores are valid for 2 years from the date completed.

#### **ESL Placement:**

- If you are developing your English language skills, please take the CELSA test to see what classes you should take.
- Scores are valid for 2 years from the date completed

## CRE101 Placement/Exemption:

- Reading placement test scores that indicate "exempt from CRE101" do not expire.
- The following additional CRE101 exemptions also do not expire:
  - You have an earned Bachelor degree or higher from a U.S. university or college, and your official transcript has been submitted.
  - A score of at least 92 on the ACCUPLACER Classic Reading assessment.
  - A score of at least 47 on the ASSET Reading assessment.
  - A score of at least 91 on the COMPASS Reading assessment.
- CRE101 requires completion of ENG101/107 with a grade of C or better.

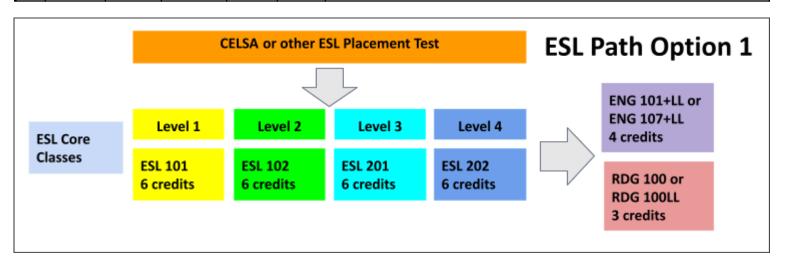
## Course Offerings:

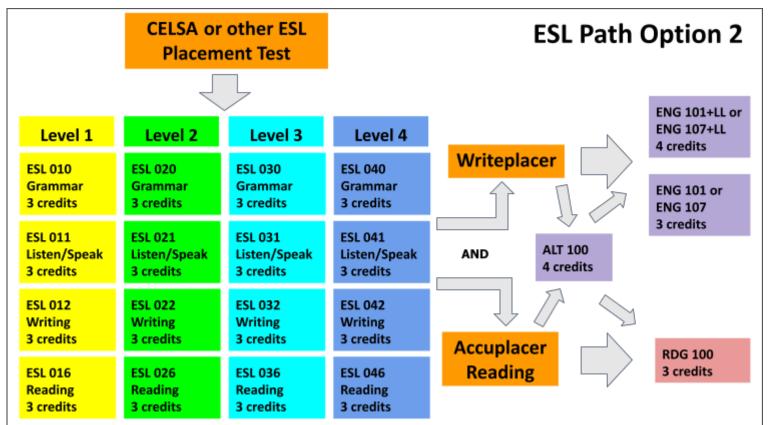
- Not all courses are offered at all college locations.
- Students should consult with an academic advisor to determine the best course options for their pathway/educational goals.

	En	glish and Reading Placement	
	GPA (cumulative, unweighted)	English Course Placement	
	3.25-4.0	ENG101/107 – Consider Honors	
	2.6-3.24	ENG101/107	
×	Below 2.6	Take EdReady English	
GPA	GPA (cumulative, unweighted)	Reading Course Placement	
S	3.0-4.0	CRE101 or take EdReady Critical Reading and Critical Thinking	
HS	3.0-4.0		
	2.6-2.99	RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113	
	D. L. 2.6	or take EdReady Critical Reading and Critical Thinking	
	Below 2.6	Take EdReady College Reading	
	English Score	English Course Placement	
	18 or higher	ENG101/107	
	Below 18	Take EdReady English	
_	Reading Score	Reading Course Placement	
ACT	30 or higher	Exempt from CRE101	
4	22 - 29	CRE101 or take EdReady Critical Reading and Critical Thinking	
	10.21	RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113	
	18-21	or take EdReady Critical Reading and Critical Thinking	
	Below 18	Take EdReady College Reading	
			English Course
	Reading & Writing Score	Reading Course Placement	Placement
	600 or higher	Exempt from CRE101	
SAT	480-590	CRE101 or take EdReady Critical Reading and Critical Thinking	<b>1</b>
S		RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113	ENG101/107
	460-470	or take EdReady Critical Reading and Critical Thinking	
	Below 460	Take EdReady College Reading	Take EdReady English
	Reasoning Through Language Arts Score	English Course Placement	Take Editeday Erigiisii
	165 or higher	ENG101/107	
	Below 165	Take EdReady English	
Q	Reasoning Through Language Arts Score	Reading Course Placement	
GED	190 or higher	Exempt from CRE101	
•	175-189	CRE101 or take EdReady Critical Reading and Critical Thinking	
	165-174	RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113	
		or take EdReady Critical Reading and Critical Thinking	
	Below 165	Take EdReady College Reading	
	EdReady English Placement	English Course Placement	
	80 or higher	ENG101/107	C100AD as FNC100AF as
	60-79	ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENENG101LL/107LL or WAC101) or take WritePlacer	GIUUAD OF ENGIUUAE OF
	Below 60 in English Placement AND	FNG101/107 AND (FNG100AA or FNG100AB or FNG100AC or FN	G100AD or FNG100AF or
	75 or higher in College Reading Placement	ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENENG101LL/107LL or WAC101) or take WritePlacer	
	Below 60 in English Placement AND	ALT100 or WAC101 or take WritePlacer	
_	Below 75 in College Reading Placement	ESL students should take CELSA.	
Ď	Critical Reading & Critical Thinking	Reading Course Placement	
ě	Placement 95 or higher	-	
EdReady	I 95 or nigner		
ш		Exempt from CRE101	
_	90-94	CRE101 or take EdReady College Reading or ACCUPLACER	
_		CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement	
_	90-94	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113	ACER
_	90-94  College Reading Placement  75 or higher  Below 75 AND	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL	
_	90-94  College Reading Placement	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113	
_	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 75 AND	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL	
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 75 AND Below 60 on EdReady English Placement*	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.	
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 75 AND Below 60 on EdReady English Placement*  WritePlacer	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER	
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 75 AND Below 60 on EdReady English Placement*	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.  English Course Placement  ENG 101/107	ACCUPLACER
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 75 AND Below 60 on EdReady English Placement*  WritePlacer  5-8	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.  English Course Placement  ENG 101/107  ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENG	ACCUPLACER
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 75 AND Below 60 on EdReady English Placement*  WritePlacer	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.  English Course Placement  ENG 101/107  ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENENG101LL/107LL or WAC101)	ACCUPLACER
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 75 AND Below 60 on EdReady English Placement*  WritePlacer  5-8	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.  English Course Placement  ENG 101/107  ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENENG101LL/107LL or WAC101)  ALT100 or WAC101 or take EdReady English	ACCUPLACER
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 60 on EdReady English Placement*  WritePlacer  5-8  3-4  Below 3	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.  English Course Placement  ENG 101/107  ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENENG101LL/107LL or WAC101)  ALT100 or WAC101 or take EdReady English ESL students should take CELSA.	ACCUPLACER
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 75 AND Below 60 on EdReady English Placement*  WritePlacer  5-8  3-4  Below 3  ACCUPLACER Next Gen	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.  English Course Placement  ENG 101/107 ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENENG101LL/107LL or WAC101)  ALT100 or WAC101 or take EdReady English ESL students should take CELSA.  Reading Course Placement	ACCUPLACER
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 75 AND Below 60 on EdReady English Placement*  WritePlacer  5-8 3-4  Below 3  ACCUPLACER Next Gen 261-300	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.  English Course Placement  ENG 101/107  ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENENG101LL/107LL or WAC101)  ALT100 or WAC101 or take EdReady English ESL students should take CELSA.  Reading Course Placement  Exempt from CRE101	ACCUPLACER
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 75 AND Below 60 on EdReady English Placement*  WritePlacer  5-8  3-4  Below 3  ACCUPLACER Next Gen	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.  English Course Placement  ENG 101/107  ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENENG101LL/107LL or WAC101)  ALT100 or WAC101 or take EdReady English ESL students should take CELSA.  Reading Course Placement  Exempt from CRE101  CRE101 or take EdReady Critical Reading and Critical Thinking	ACCUPLACER
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 60 on EdReady English Placement*  WritePlacer  5-8  3-4  Below 3  ACCUPLACER Next Gen  261-300 249-260	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.  English Course Placement  ENG 101/107 ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENENG101LL/107LL or WAC101)  ALT100 or WAC101 or take EdReady English ESL students should take CELSA.  Reading Course Placement  Exempt from CRE101  CRE101 or take EdReady Critical Reading and Critical Thinking  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113	ACCUPLACER
	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 75 AND Below 60 on EdReady English Placement*  WritePlacer  5-8 3-4  Below 3  ACCUPLACER Next Gen 261-300	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.  English Course Placement  ENG 101/107  ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENENG101LL/107LL or WAC101)  ALT100 or WAC101 or take EdReady English ESL students should take CELSA.  Reading Course Placement  Exempt from CRE101  CRE101 or take EdReady Critical Reading and Critical Thinking  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking	ACCUPLACER
ACCUPLACER/WritePlacer	90-94  College Reading Placement  75 or higher  Below 75 AND 60 or higher on EdReady English Placement*  Below 60 on EdReady English Placement*  WritePlacer  5-8  3-4  Below 3  ACCUPLACER Next Gen  261-300 249-260	CRE101 or take EdReady College Reading or ACCUPLACER  Reading Course Placement  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take EdReady Critical Reading and Critical Thinking or ACCUPL  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113 or take  ALT100 or take ACCUPLACER ESL students should take CELSA.  English Course Placement  ENG 101/107 ENG101/107 AND (ENG100AA or ENG100AB or ENG100AC or ENENG101LL/107LL or WAC101)  ALT100 or WAC101 or take EdReady English ESL students should take CELSA.  Reading Course Placement  Exempt from CRE101  CRE101 or take EdReady Critical Reading and Critical Thinking  RDG100, 100AA, 100AB, 100AC, 100LL, 111, 112, or 113	ACCUPLACER

<sup>\*</sup>In the event a student is using a measure other than EdReady for placement into ENG101 or has already satisfied the ENG101 requirement, the EdReady College Reading Placement score can be used for reading course placement, independent of an EdReady English Placement score.

	ESL Course Placement								
	TOEFL	IELTS	Duolingo	CELSA	CEFR	ESL Course Placement			
	46 and above	5.5 and above	90 and above	67-75	B2+	<b>Transitional:</b> Take EdReady English and EdReady College Reading or Critical Reading and Critical Thinking			
١.	35-45	5	70-85	51-66		<b>Level IV:</b> ESL202 OR (ESL202AA and ESL202AB) OR (ESL040, ESL041, ESL042, and ESL046)			
ESI	31-34	4-4.5	50-65	39-50		<b>Level III:</b> ESL201 OR (ESL201AA and ESL201AB) OR (ESL030, ESL031, ESL032, and ESL036)			
	25-30	3-3.5	30-45	30-38	A2	Level II: ESL102 OR (ESL102AA and ESL102AB) OR ESL020, ESL021, ESL022, and ESL026)			
	20-24	2-2.5	15-25	16-29		Level I: ESL101 OR (ESL101AA and ESL101AB) OR ESL010, ESL011, ESL012, and ESL016)			
	0-19	0-1.5	0-10	0-15	n/a	Please contact your college ESL program for options.			





		Mati	nematics Course Placement
	GPA (cumula	ative, unweighted)	Math Course Placement
GPA			MAT140, 141, 142, MAT150, 151, 152, MAT182 (if concurrently enrolled in
9		3.0-4.0	MAT150,151,152), or take EdReady or ACCUPLACER Advanced Algebra Test.
Ŧ		2.6-2.99	MAT120, 121, 122, MAT140, 141, 142, MAT155, 156, or take EdReady or ACCUPLACER
_		elow 2.6	Take EdReady, ACCUPLACER, or MDA
	Ma	th Score	Math Course Placement
Η.	22	or higher	MAT140, 141, 142, MAT150, 151, 152, MAT182 (if concurrently enrolled in
ACT			MAT150,151,152) or take EdReady or ACCUPLACER Advanced Algebra Test
		18-21	MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady
		elow 18	Take EdReady, ACCUPLACER, or MDA  Math Course Placement
_	Ма	th Score	MAT140, 141, 142, MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150,
SAT	5	30-800	151, 152) or take EdReady or ACCUPLACER
S	5	10-520	MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady or ACCUPLACER
		elow 510	Take EdReady, ACCUPLACER, or MDA
		th Score	Math Course Placement
			MAT140, 141, 142, MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151,
GED	1/5	or higher	152) or take EdReady or ACCUPLACER Advanced Algebra Test.
G		65-174	MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady or ACCUPLACER
		elow 165	Take EdReady, ACCUPLACER, or MDA
	Quantitative Reason	ing, Alg & Stats Placement	
	70 <del>1</del>	or higher	MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take the ACCUPLACER Advanced
			Algebra Test
_	College Alg	gebra Placement	Math Course Placement  MAT140, 141, 142, MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150,
EdReady	80*	or higher	151, 152), or take the ACCUPLACER Advanced Algebra Test.
ea	80* or higher <b>AND</b>		131, 132), or take the Accordance Advanced Algebra 1631.
#	ACT Math $\geq$ 24 <b>OR</b> SAT Math* $\geq$ 560 <b>OR</b>		MAT172, MAT187, 188, MAT206, MAT212, 213
Ed	HS College Algebra or H	IS Precalculus with B or better	
_			
	80* or	higher <b>AND</b>	
	80* or ACT Math ≥ 28 <b>O</b>	higher <b>AND</b> <b>R</b> SAT Math* ≥ 640 <b>OR</b>	MAT220, 221
	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri	higher <b>AND R</b> SAT Math* ≥ 640 <b>OR</b> gonometry with B or better	
	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri * Please see an advisor	higher <b>AND R</b> SAT Math* ≥ 640 <b>OR</b> gonometry with B or better if your score is below these cu	toffs.
	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Trion * Please see an advisor <b>Advanced Al</b>	higher AND  R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions	toffs.  Math Course Placement
	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tric * Please see an advisor <b>Advanced Al</b>	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section
	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri * Please see an advisor <b>Advanced Al</b>	higher <b>AND R</b> SAT Math* ≥ 640 <b>OR</b> gonometry with B or better if your score is below these cu <b>gebra &amp; Functions</b> 276-300 263-275	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady
#H	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri * Please see an advisor <b>Advanced Al</b>	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section
ACER	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri * Please see an advisor  Advanced Al	higher <b>AND R</b> SAT Math* ≥ 640 <b>OR</b> gonometry with B or better if your score is below these cu <b>gebra &amp; Functions</b> 276-300 263-275	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady  MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151, or 152) or take
LACER	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri * Please see an advisor  Advanced Al	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300 263-275	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady  MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151, or 152) or take EdReady
	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri * Please see an advisor  Advanced Al  Quantitative Reaso	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300 263-275 237-262 200-236 ning, Algebra & Statistics	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady  MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151, or 152) or take EdReady  Take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  Math Course Placement  MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady or ACCUPLACER
	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri * Please see an advisor  Advanced Al  2  Quantitative Reaso	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300 263-275 237-262 200-236 ning, Algebra & Statistics 263-300	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady  MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151, or 152) or take EdReady  Take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  Math Course Placement  MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady or ACCUPLACER Advanced Algebra Test
ACCUPLACER	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri * Please see an advisor  Advanced Al  Quantitative Reaso	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300 263-275 237-262 200-236 ning, Algebra & Statistics 263-300 200-262	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady  MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151, or 152) or take EdReady  Take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  Math Course Placement  MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady or ACCUPLACER Advanced Algebra Test  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or MDA
	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri * Please see an advisor  Advanced Al  Quantitative Reaso	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300 263-275 237-262 200-236 ning, Algebra & Statistics 263-300	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady  MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151, or 152) or take EdReady  Take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  Math Course Placement  MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady or ACCUPLACER Advanced Algebra Test  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or MDA  Math Course Placement
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ACCUP	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri * Please see an advisor  Advanced Al  Quantitative Reaso  Next Ge  * This assessment will r  Math Diagnostic  Assessment (MDA)  Module 1  Module 2  Module 3	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300 263-275 237-262 200-236 ning, Algebra & Statistics 263-300 200-262 n. Arithmetic* 200-300 no longer be given by MCCCD a Score  0-7 0-7 0-7	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady  MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151, or 152) or take EdReady  Take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  Math Course Placement  MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady or ACCUPLACER Advanced Algebra Test  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or MDA  Math Course Placement  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  s of March 1, 2020.  Math Course Placement  *MAT051 Number Sense I  *MAT052 Number Sense II  *MAT053 Multiplicative and Proportional Reasoning
ACCUP	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tri * Please see an advisor  Advanced Al  Quantitative Reaso  Next Ge  * This assessment will r  Math Diagnostic  Assessment (MDA)  Module 1  Module 2  Module 3  Module 5	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300 263-275 237-262 200-236 ning, Algebra & Statistics 263-300 200-262 n. Arithmetic* 200-300 no longer be given by MCCCD a  Score  0-7 0-7 0-7 0-7	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady  MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151, or 152) or take EdReady  Take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  Math Course Placement  MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady or ACCUPLACER Advanced Algebra Test  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or MDA  Math Course Placement  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  s of March 1, 2020.  Math Course Placement  *MAT051 Number Sense I  *MAT052 Number Sense II  *MAT053 Multiplicative and Proportional Reasoning  *MAT055 Algebraic Structures
ACCUP	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tric * Please see an advisor  Advanced Al  Quantitative Reaso  Next Ge  * This assessment will r  Math Diagnostic  Assessment (MDA)  Module 1  Module 2  Module 3  Module 5  Module 6	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300 263-275 237-262 200-236 ning, Algebra & Statistics 263-300 200-262 n. Arithmetic* 200-300 no longer be given by MCCCD a Score  0-7 0-7 0-7 0-7 0-7	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady  MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151, or 152) or take EdReady  Take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  Math Course Placement  MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady or ACCUPLACER Advanced Algebra Test  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or MDA  Math Course Placement  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  s of March 1, 2020.  Math Course Placement  *MAT051 Number Sense I  *MAT052 Number Sense II  *MAT053 Multiplicative and Proportional Reasoning  *MAT055 Algebraic Structures  *MAT056 Functions I
ACCUP	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tric * Please see an advisor  Advanced Al  Quantitative Reaso  Next Ge  * This assessment will r  Math Diagnostic  Assessment (MDA)  Module 1  Module 2  Module 3  Module 5  Module 6  Module 7	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300 263-275 237-262 200-236 ning, Algebra & Statistics 263-300 200-262 n. Arithmetic* 200-300 no longer be given by MCCCD a Score  0-7 0-7 0-7 0-7 0-7 0-7 0-7	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady  MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151, or 152) or take EdReady  Take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  Math Course Placement  MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady or ACCUPLACER Advanced Algebra Test  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or MDA  Math Course Placement  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  s of March 1, 2020.  Math Course Placement  *MAT051 Number Sense I  *MAT052 Number Sense II  *MAT053 Multiplicative and Proportional Reasoning *MAT055 Algebraic Structures  *MAT056 Functions II  *MAT057 Functions III
	80* or ACT Math ≥ 28 <b>O</b> HS Precalculus or Tric * Please see an advisor  Advanced Al  Quantitative Reaso  Next Ge  * This assessment will re Math Diagnostic Assessment (MDA)  Module 1  Module 2  Module 3  Module 5  Module 6  Module 7  *Currently, the Math Diagratice Astronomy Advanced Al  *Currently, the Math Diagratice Al  *Currently Al  *Currently Al  *Currently, the Math Diagratice Al  *Currently A	higher AND R SAT Math* ≥ 640 OR gonometry with B or better if your score is below these cu gebra & Functions 276-300 263-275 237-262 200-236 ning, Algebra & Statistics 263-300 200-262 n. Arithmetic* 200-300 no longer be given by MCCCD a Score  0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-	toffs.  Math Course Placement  MAT220, 221, or any class listed below on this ACCUPLACER section  MAT172, MAT187, 188, MAT206, MAT 212, 213 or take EdReady  MAT150, 151, 152, MAT182 (if concurrently enrolled in MAT150, 151, or 152) or take EdReady  Take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  Math Course Placement  MAT120, 121, 122, MAT140, 141, 142, MAT155, 156 or take EdReady or ACCUPLACER Advanced Algebra Test  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or MDA  Math Course Placement  MAT103, MAT112, MAT114, 115, MAT126, MAT145, 146, or take EdReady or ACCUPLACER Quantitative Reasoning, Algebra & Statistics Test  s of March 1, 2020.  Math Course Placement  *MAT051 Number Sense I  *MAT053 Multiplicative and Proportional Reasoning  *MAT055 Algebraic Structures  *MAT056 Functions I

## Mathematics Beginning Course Sequences Visual

**Know your Math Path-** The sequence of math courses you take depends on your program of study. Where you start in the sequence will be based on your placement, and not all options are available at every college. You should meet with your advisor to discuss which path is right for you.

## Developmental Mathematics Support

Colleges offer a variety of ways to prepare for your math path including online support courses, boot camps, and others.

Pre-pathway courses-These course options do not apply towards any degree or certificate. Not all options are available at every college.

### Developmental Mathematics Modules

A set of one-credit support courses offered at CGCC

- MAT051 Number Sense I
- MAT052 Number Sense II
- MAT053 Multiplicative and Proportional Reasoning
- MAT055 Algebraic Structures
- MAT056 Functions I
- MAT057 Functions II

### Developmental Mathematics Courses

3 -6 credit developmental math courses

- Non-Math Path Specific Options
  - o MAT08+ Basic Arithmetic
  - MAT09+ Introductory Algebra
- Math Path Specific Options
  - MAT103 College Mathematics Prep
  - MAT114 or 115 College Algebra Prep

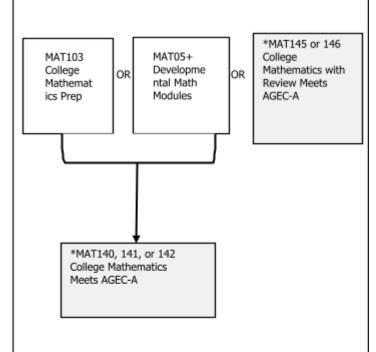
### Developmental Mathematics MOOCS

These MOOCs (Massive Open Online Classes) are offered completely free through Phoenix College. There are no registration fees and all of the required course materials are free. The courses are self-paced and registration is ongoing. Use this link to register for a Mathematics MOOC:

https://www.phoenixcollege.edu/degrees-certific ates/mathematics/self-study-math-moocs

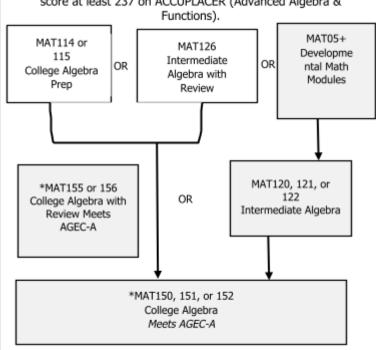
### College Math Path

This path is designed for most Liberal Arts majors with less stringent math sequences; consult with your Academic Advisor. It can be used as a starting point for students on the Elementary Education Degree Path (AAEE) who also have an ACCUPLACER (Advanced Algebra & Functions) score of at least 237.



## Algebra Path

This path is designed for students who plan to pursue a degree in Science, Technology, Engineering, Mathematics (STEM), or Business. It can also be used as a starting point for students on the Elementary Education Degree Path (AAEE) who do not score at least 237 on ACCUPLACER (Advanced Algebra &



What courses you take after completing your first college-mathematics course (MAT14+ or MAT15+) depends on your academic goals. Be sure to talk with an advisor before registering for your next semester.